

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,711,385 B2
APPLICATION NO. : 10/595287
DATED : May 4, 2010
INVENTOR(S) : Ostman et al.

Page 1 of 3

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Delete title page showing an illustrative figure and substitute the attached title page therefor.

On the Title Page, in Field (75), under "Inventors", in Column 1, Line 1, before "Ostman,", insert -- Leif --.

On the Title Page, in Field (75), under "Inventors", in Column 1, Line 2, before "Pettersson,", insert -- Frank Rune --.

On the Title Page, in Figure, delete "Predistiorsion" and insert -- Predistorsion --, therefor.

Delete sheet 3 of 9, and substitute the attached sheet 3 of 9 therefor.

In Fig. 3, Sheet 3 of 9, delete "Predistiorsion" and insert -- Predistorsion --, therefor.

In Fig. 4, Sheet 4 of 9, delete "Predistiorsion" and insert -- Predistorsion --, therefor.

In Column 4, Line 64, delete "FIG. 44." and insert -- FIG. 4. --, therefor.

Signed and Sealed this
Eleventh Day of October, 2011



David J. Kappos
Director of the United States Patent and Trademark Office

(12) **United States Patent**
Ostman et al.

(10) **Patent No.:** **US 7,711,385 B2**
 (45) **Date of Patent:** **May 4, 2010**

(54) **METHOD AND SYSTEM OF TRANSMISSION
 POWER CONTROL**

(75) Inventors: **Thomas Ostman**, Spanga (SE); **Jan
 Pettersson**, Jarfalla (SE)

(73) Assignee: **Telefonaktiebolaget L M Ericsson**
(publ), Stockholm (SE)

(*) Notice: Subject to any disclaimer, the term of this
 patent is extended or adjusted under 35
 U.S.C. 154(b) by 1064 days.

(21) Appl. No.: **10/595,287**

(22) PCT Filed: **Oct. 7, 2003**

(86) PCT No.: **PCT/SE03/01559**

§ 371 (c)(1),
 (2). (4) Date: **Apr. 5, 2006**

(87) PCT Pub. No.: **WO2005/034380**

PCT Pub. Date: **Apr. 14, 2005**

(65) **Prior Publication Data**

US 2008/0214224 A1 Sep. 4, 2008

(51) **Int. Cl.**
H04B 7/00 (2006.01)

(52) **U.S. Cl.** **455/522; 455/69**

(58) **Field of Classification Search** **455/522,**
455/69

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,852,782 A * 12/1998 Komatsu 455/522
 6,075,974 A * 6/2000 Saints et al. 455/69
 6,493,541 B1 * 12/2002 Gunnarsson et al. 455/69

OTHER PUBLICATIONS

Swedish Patent Office International Search Report for PCT/SE03/
 01559, dated Apr. 15, 2004.

* cited by examiner

Primary Examiner—Nay A Maung

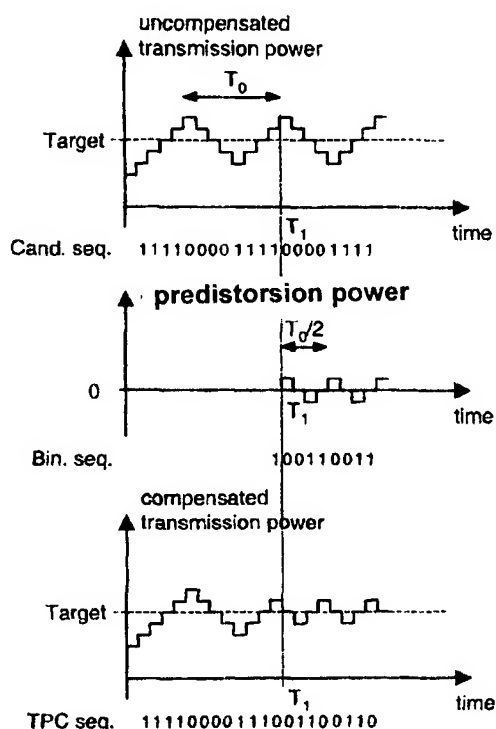
Assistant Examiner—Angelica M Perez

(74) *Attorney, Agent, or Firm*—Roger S. Burleigh

(57) **ABSTRACT**

The present invention relates to cellular mobile radio systems, and more especially it relates to Code Division Multiple Access, CDMA, cellular mobile radio systems, particularly to transmission power control in such systems. A method and apparatus for transmission of compensated TPC commands when a substantial loop delay is experienced for one or more user equipment entities is disclosed.

54 Claims, 9 Drawing Sheets



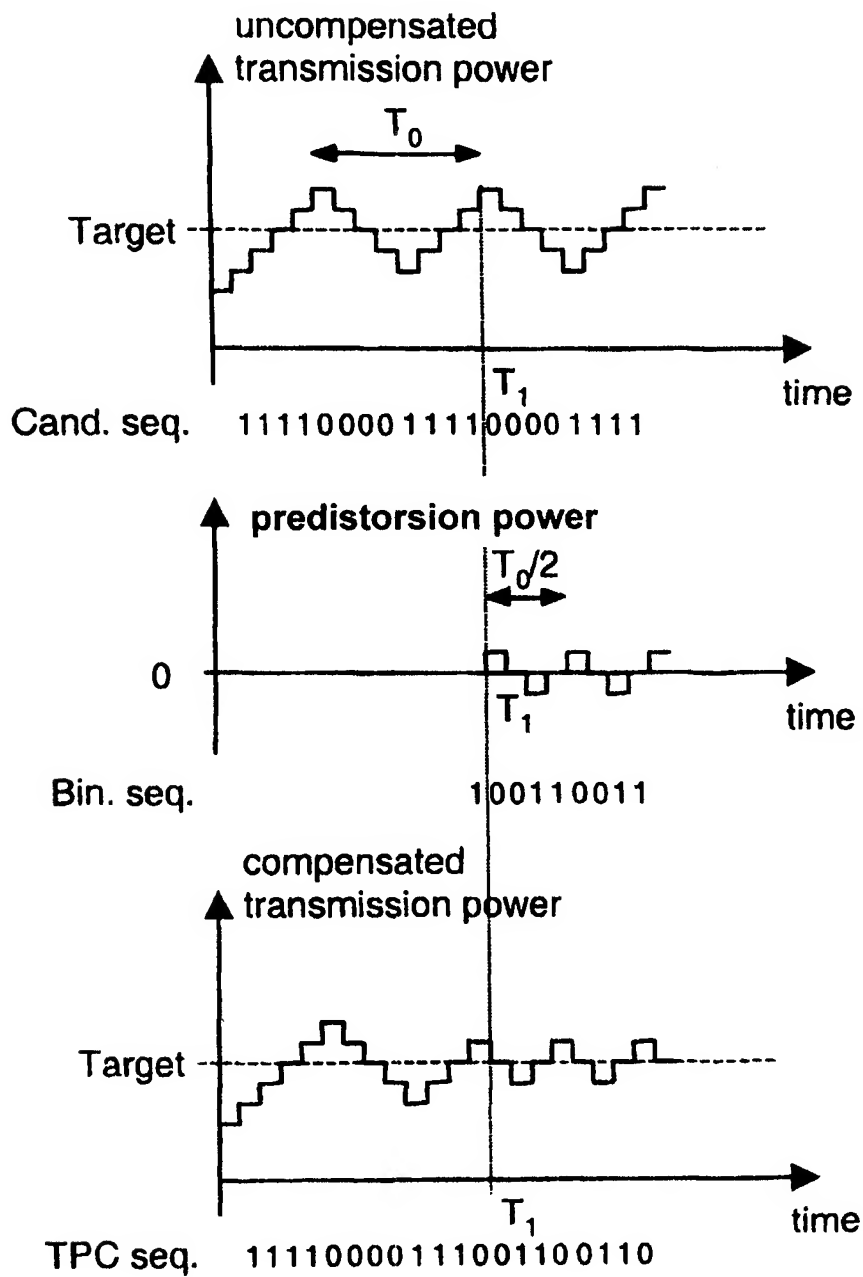


Fig. 3